

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077976.D
 Acq On : 19 Dec 2023 16:12
 Operator : RP/MD
 Sample : 05882-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-121523

Quant Time: Dec 20 02:06:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

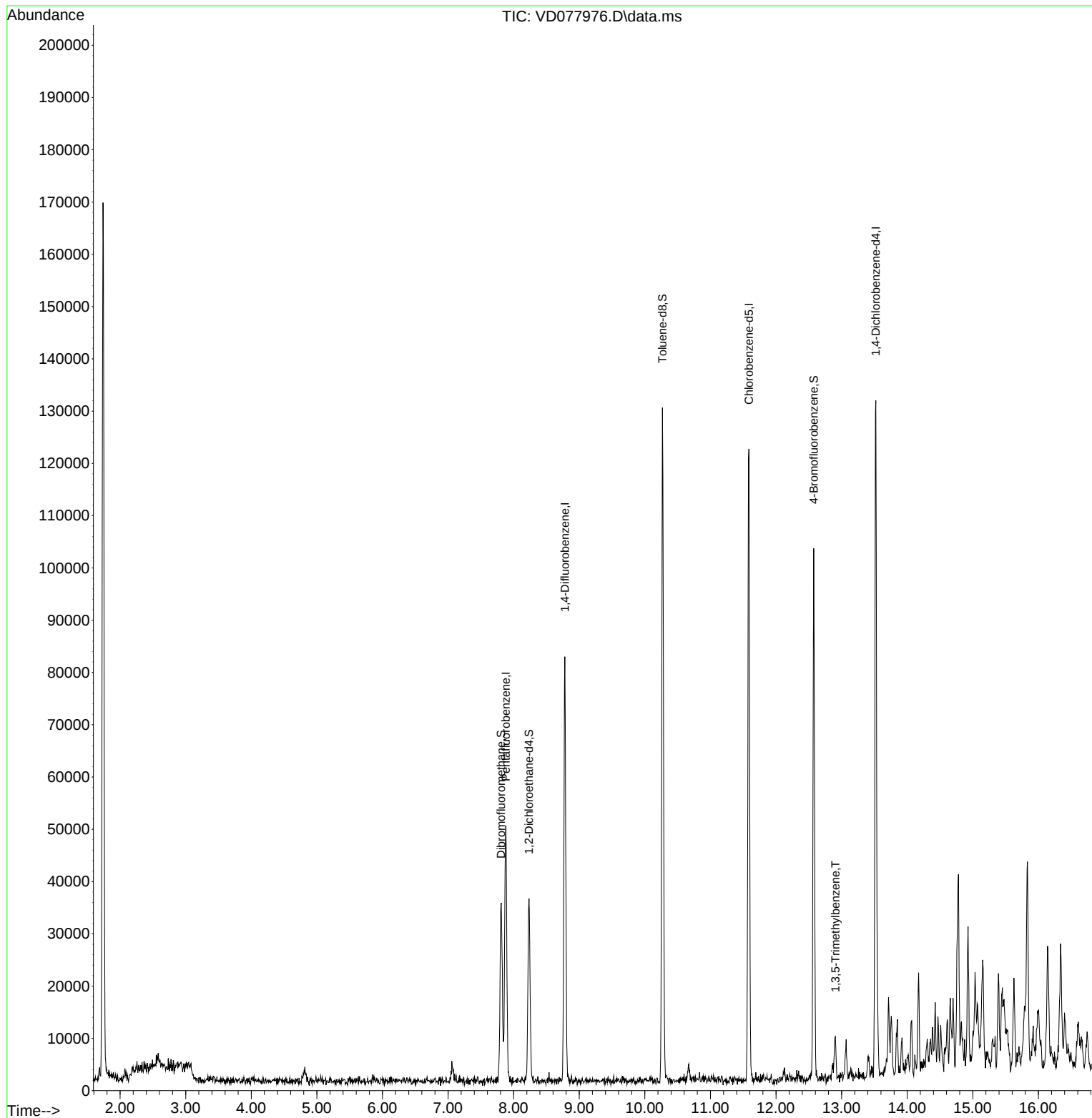
Internal Standards						
1) Pentafluorobenzene	7.881	168	38612	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	69431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	71894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	33951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	27499	60.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.880%	
35) Dibromofluoromethane	7.810	113	24213	49.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.580%	
50) Toluene-d8	10.269	98	90801	46.616	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.240%	
62) 4-Bromofluorobenzene	12.575	95	29258	50.240	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.480%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.904	105	2710	1.263	ug/l	Qvalue 92

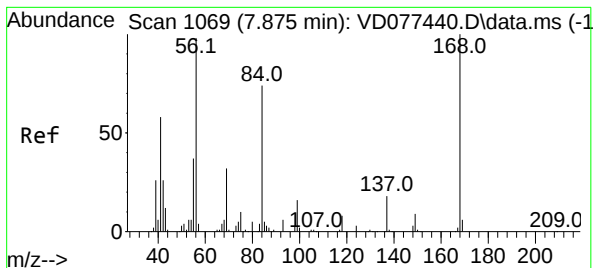
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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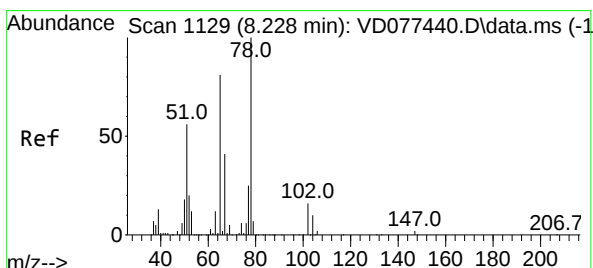
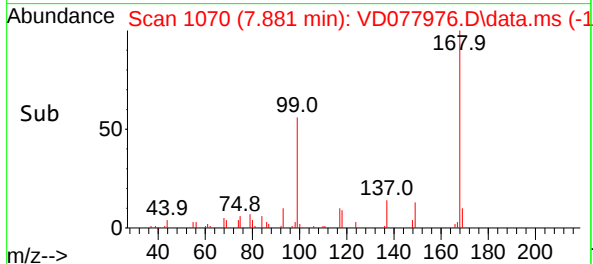
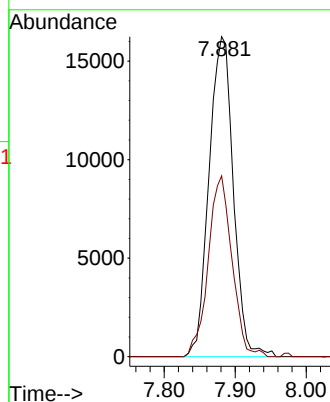
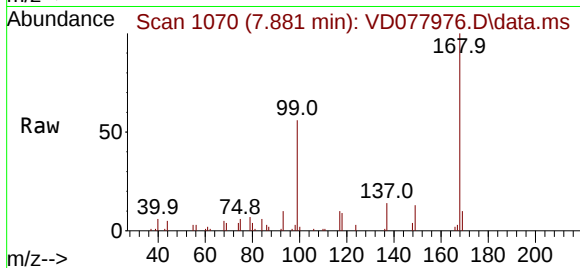




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077976.D
Acq: 19 Dec 2023 16:12

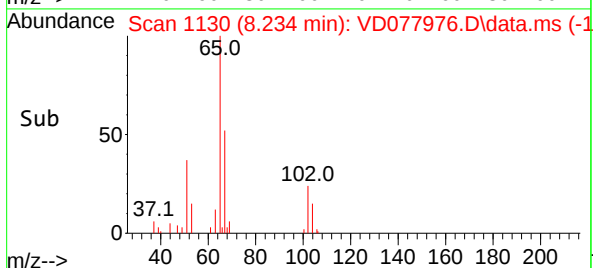
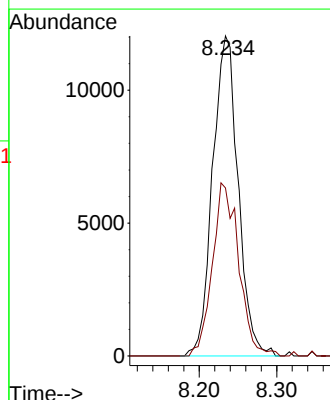
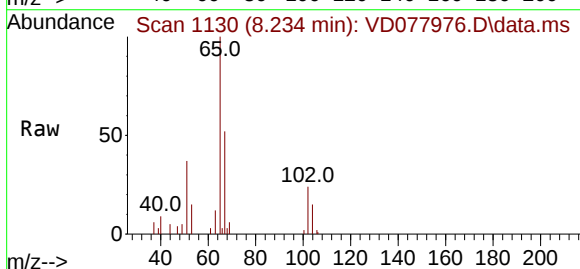
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121523

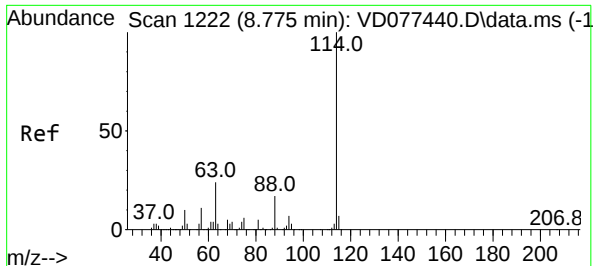
Tgt Ion:168 Resp: 38612
Ion Ratio Lower Upper
168 100
99 56.5 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 60.439 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077976.D
Acq: 19 Dec 2023 16:12

Tgt Ion: 65 Resp: 27499
Ion Ratio Lower Upper
65 100
67 55.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077976.D

Acq: 19 Dec 2023 16:12

Instrument :

MSVOA_D

ClientSampleId :

TR-04-121523

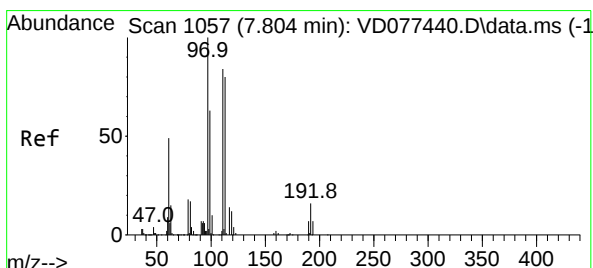
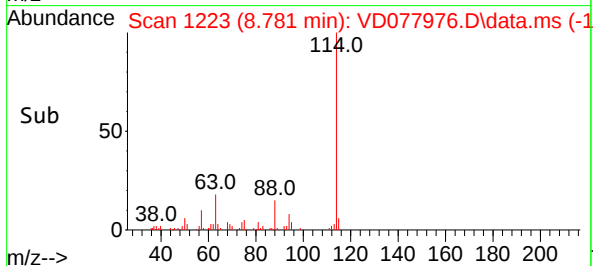
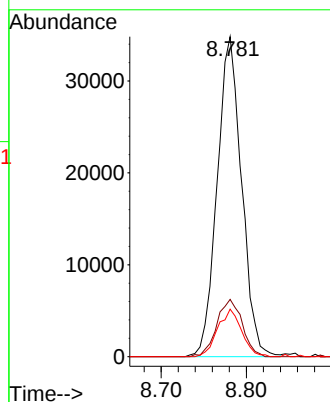
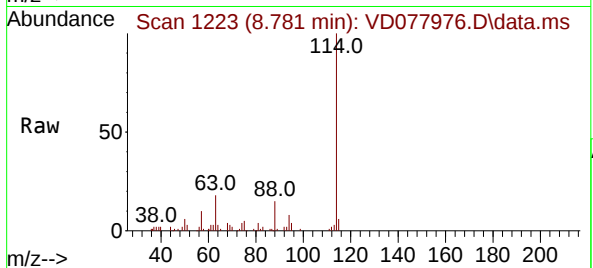
Tgt Ion:114 Resp: 69431

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 14.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.786 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077976.D

Acq: 19 Dec 2023 16:12

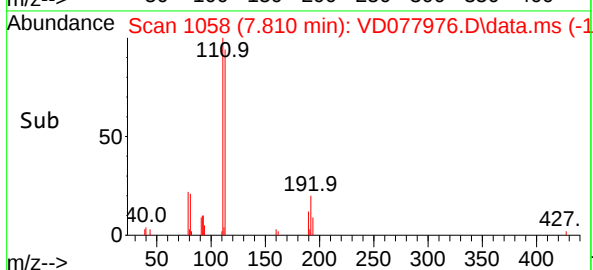
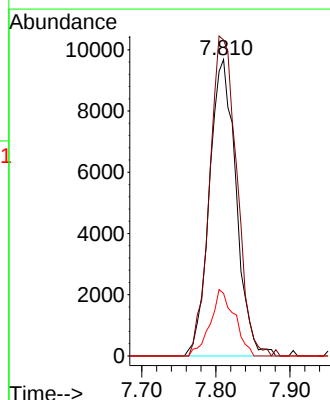
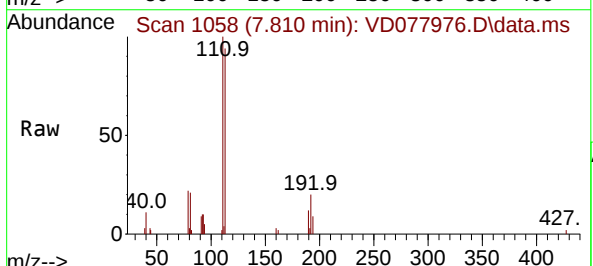
Tgt Ion:113 Resp: 24213

Ion Ratio Lower Upper

113 100

111 109.9 84.7 127.1

192 20.4 16.8 25.2

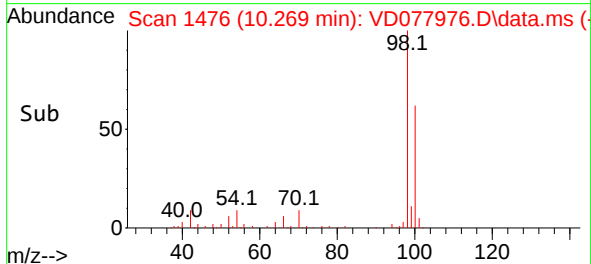
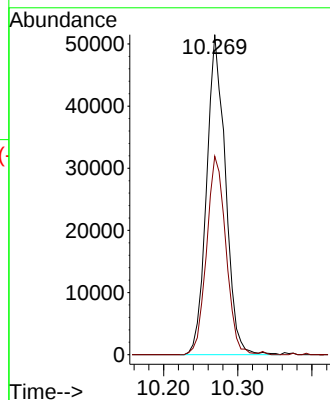
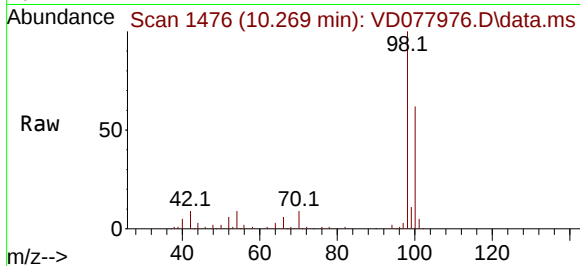




#50
Toluene-d8
Concen: 46.616 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077976.D
Acq: 19 Dec 2023 16:12

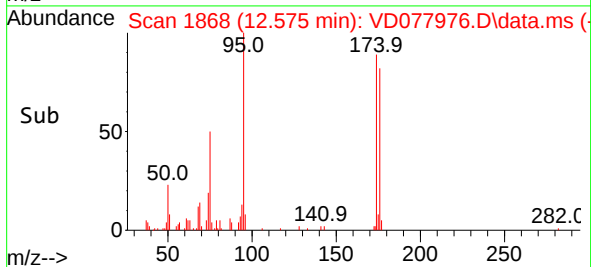
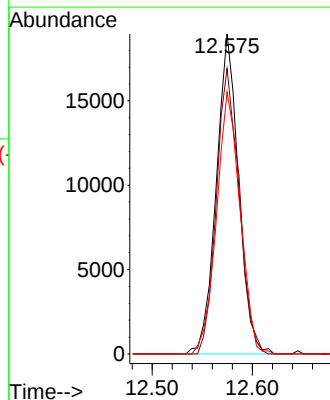
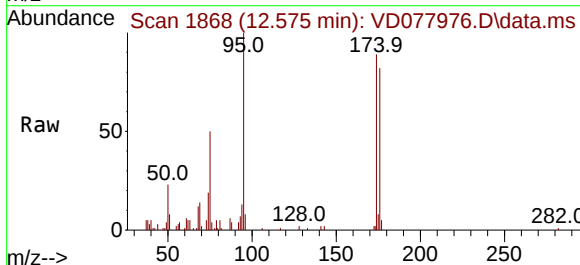
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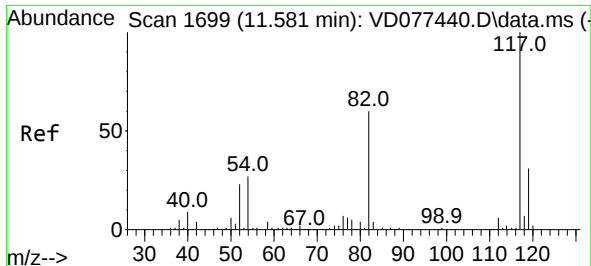
Tgt Ion: 98 Resp: 90801
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.240 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077976.D
Acq: 19 Dec 2023 16:12

Tgt Ion: 95 Resp: 29258
Ion Ratio Lower Upper
95 100
174 90.7 0.0 201.8
176 86.3 0.0 191.8

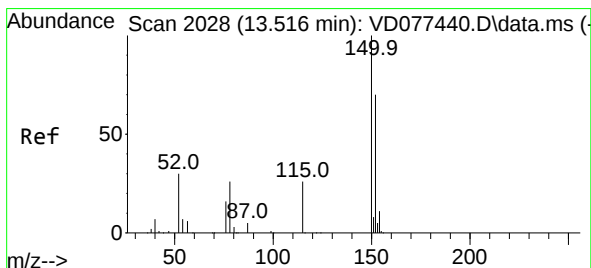
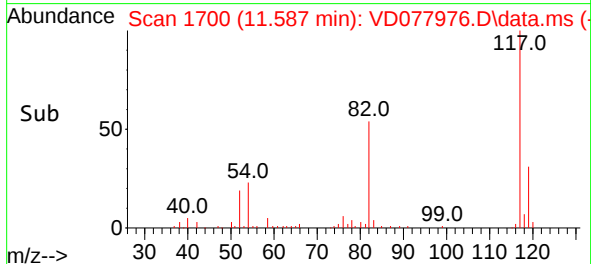
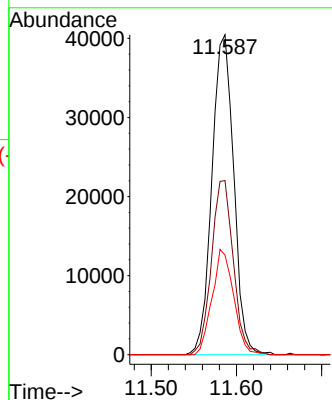
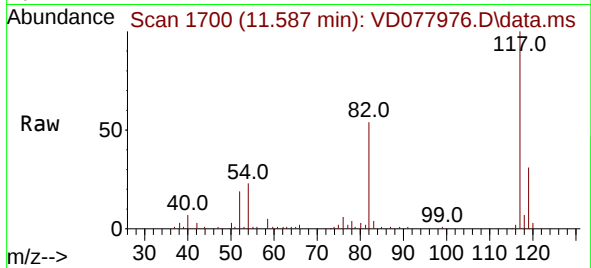




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077976.D
Acq: 19 Dec 2023 16:12

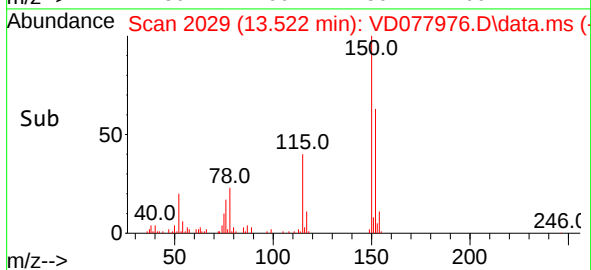
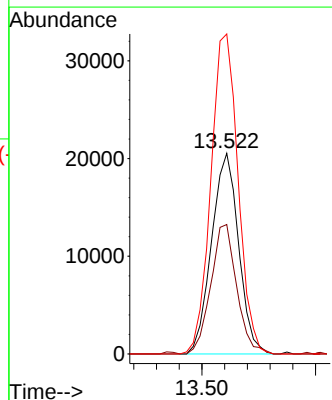
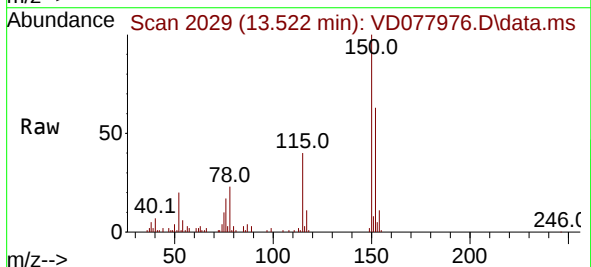
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121523

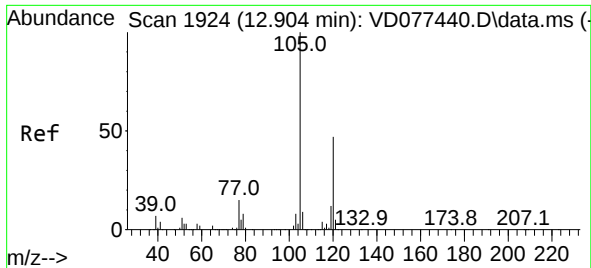
Tgt Ion:117 Resp: 71894
Ion Ratio Lower Upper
117 100
82 54.4 38.3 57.5
119 31.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077976.D
Acq: 19 Dec 2023 16:12

Tgt Ion:152 Resp: 33951
Ion Ratio Lower Upper
152 100
115 61.9 27.1 81.3
150 160.2 0.0 353.6





#80
 1,3,5-Trimethylbenzene
 Concen: 1.263 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD077976.D
 Acq: 19 Dec 2023 16:12

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-121523

Tgt Ion:105 Resp: 2710
 Ion Ratio Lower Upper
 105 100
 120 58.5 26.4 79.2

